

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	901	106/31.43.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:00
L2	728	106/31.75.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:00
L3	208	106/31.59.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
L4	216	106/31.89.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
L5	1080	106/31.58.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
L6	938	106/31.86.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
L7	1902	347/100.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
L8	279	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
L9	279	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	US-PGPUB; USPAT	OR	ON	2006/10/12 07:02
L10	113	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	US-PGPUB; USPAT	OR	ON	2006/10/12 07:02
L11	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2006/10/12 07:02
L12	1	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2006/10/12 07:02
L13	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2006/10/12 07:02

## EAST Search History

L14	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2006/10/12 07:02
L15	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2006/10/12 07:03
L16	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2006/10/12 07:03
L17	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2006/10/12 07:03
L18	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2006/10/12 07:03
S1	201	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	US-PGPUB; USPAT	OR	ON	2006/04/24 10:34
S2	1	("6489382").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:15
S3	2	((("5507865") or ("5116409")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:16
S4	4	("4632703"   "5242489"   "5245159"   "5279652").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/18 13:16
S5	2	("5507865").URPN.	USPAT	OR	ON	2005/01/18 13:17
S6	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2006/04/24 10:34

## EAST Search History

S7	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2006/04/24 10:34
S8	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2006/04/24 10:34
S9	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2006/04/24 10:34
S10	207	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	US-PGPUB; USPAT	OR	ON	2006/04/24 10:35
S11	73	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	US-PGPUB; USPAT	OR	ON	2006/04/24 10:35
S12	217	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	US-PGPUB; USPAT	OR	ON	2005/12/29 09:32
S13	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2005/12/29 09:33
S14	1	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2006/10/12 07:02
S15	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2006/10/12 07:02

## EAST Search History

S16	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2006/10/12 07:02
S17	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2006/10/12 07:03
S18	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2006/10/12 07:03
S19	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2006/10/12 07:03
S20	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2006/10/12 07:03
S21	223	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	US-PGPUB; USPAT	OR	ON	2006/04/24 10:36
S22	85	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S23	823	106/31.43.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S24	661	106/31.75.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S25	175	106/31.59.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S26	184	106/31.89.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S27	983	106/31.58.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S28	859	106/31.86.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37

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S29	1594	347/100.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:38
S30	8	((("6730152") or ("6540821") or ("6572690") or ("6187086") or ("6019828") or ("5925176") or ("0562655") or ("5730790")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/06 14:02
S31	1	("5626655").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/06 14:02
S32	1	"6572690".pn.	US-PGPUB; USPAT	OR	ON	2005/07/11 12:00
S33	13	("5106416"   "5181045"   "5679143"   "5695820"   "5785743"   "5853465"   "5902387"   "6036759"   "6231653"   "6247808"   "6254231"   "6319309"   "6395077").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 12:00
S34	0	("6572690").URPN.	USPAT	OR	ON	2005/07/11 12:25
S35	1	("5507865").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/11 12:25
S36	231	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	US-PGPUB; USPAT	OR	ON	2005/12/29 09:22
S37	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2006/10/12 07:02
S38	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2005/12/29 09:27
S39	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2005/12/29 09:27
S40	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2005/12/29 09:27

## EAST Search History

S41	242	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	US-PGPUB; USPAT	OR	ON	2005/12/29 09:28
S42	94	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	US-PGPUB; USPAT	OR	ON	2005/12/29 09:29
S43	231	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	US-PGPUB; USPAT	OR	ON	2005/12/29 09:32
S44	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2005/12/29 09:33
S45	1	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2005/12/29 09:33
S46	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2005/12/29 09:33
S47	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2005/12/29 09:34
S48	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2005/12/29 09:34
S49	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2005/12/29 09:34

## EAST Search History

S50	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2005/12/29 09:34
S51	0	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2005/12/29 09:34
S52	242	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	US-PGPUB; USPAT	OR	ON	2005/12/29 09:34
S53	94	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	US-PGPUB; USPAT	OR	ON	2005/12/29 09:35
S54	848	106/31.43.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:00
S55	685	106/31.75.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:00
S56	188	106/31.59.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
S57	192	106/31.89.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
S58	1017	106/31.58.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
S59	890	106/31.86.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
S60	1700	347/100.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
S61	244	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	US-PGPUB; USPAT	OR	ON	2006/04/24 10:34
S62	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2006/04/24 10:34

## EAST Search History

S63	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	DERWENT	OR	ON	2006/04/24 10:34
S64	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	DERWENT	OR	ON	2006/04/24 10:34
S65	0	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and lecithin	DERWENT	OR	ON	2006/04/24 10:34
S66	252	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	US-PGPUB; USPAT	OR	ON	2006/10/12 07:02
S67	99	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	US-PGPUB; USPAT	OR	ON	2006/04/24 10:35
S68	1	(ink with jet) and black and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amphoteric with surfactant)	DERWENT	OR	ON	2006/04/24 10:36
S69	252	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and betaine	US-PGPUB; USPAT	OR	ON	2006/10/12 07:01
S70	99	(ink with jet) and (black same (dye or pigment)) and ((amino adj acid) or alanine or arginine or aspartic or cysteine or cystine or glutamic or glutamine or glycine) and (amine adj oxide)	US-PGPUB; USPAT	OR	ON	2006/10/12 07:02
S71	873	106/31.43.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S72	706	106/31.75.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S73	196	106/31.59.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37



## EAST Search History

S74	201	106/31.89.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S75	1034	106/31.58.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S76	907	106/31.86.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:37
S77	1771	347/100.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 10:38